JP 2000-092360

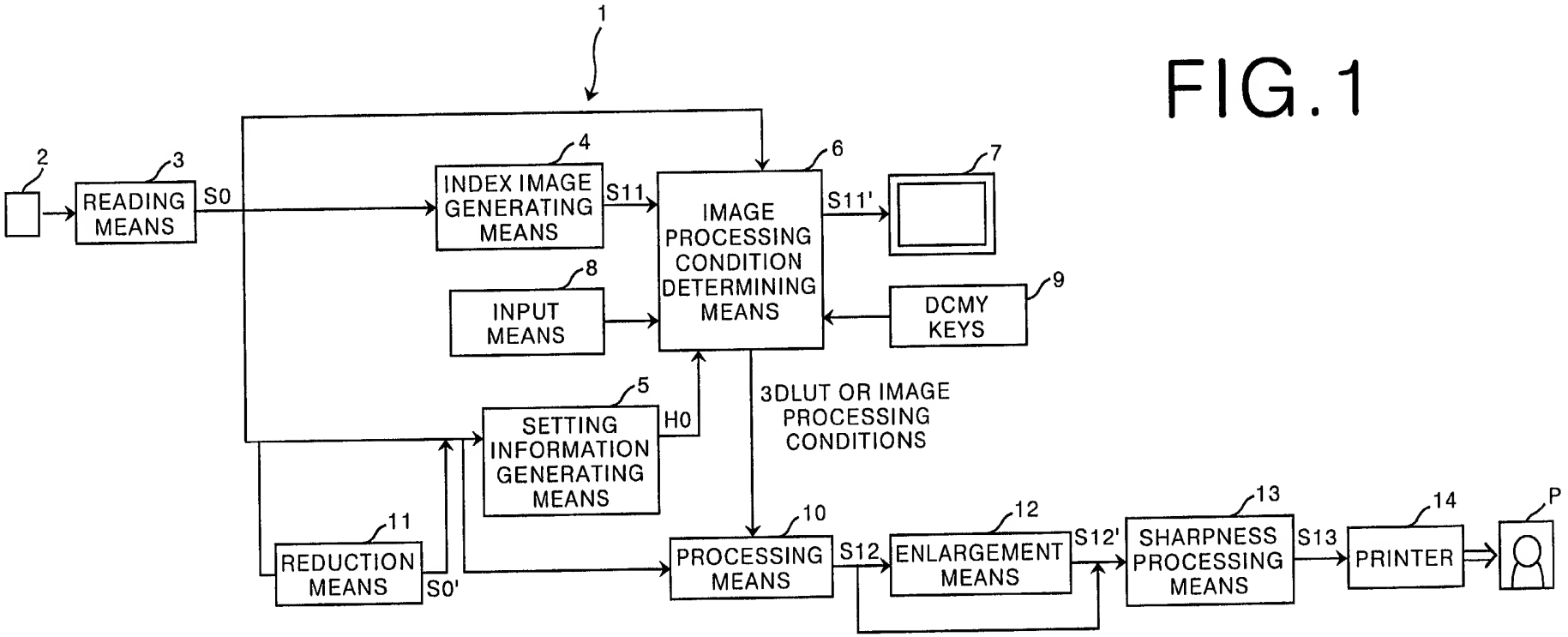



FIG.1

JP 2000-092360

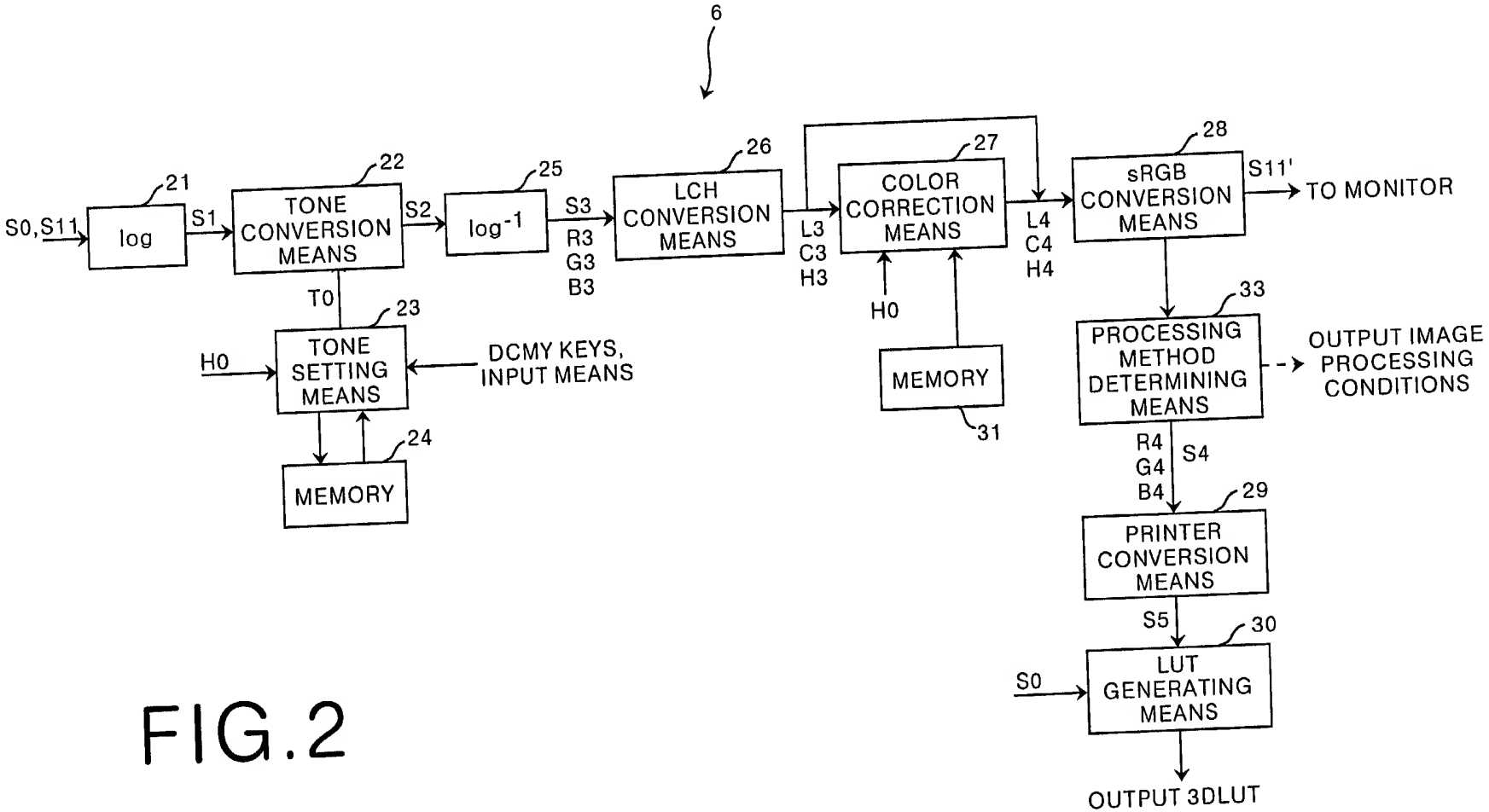



FIG.2

# FIG.3

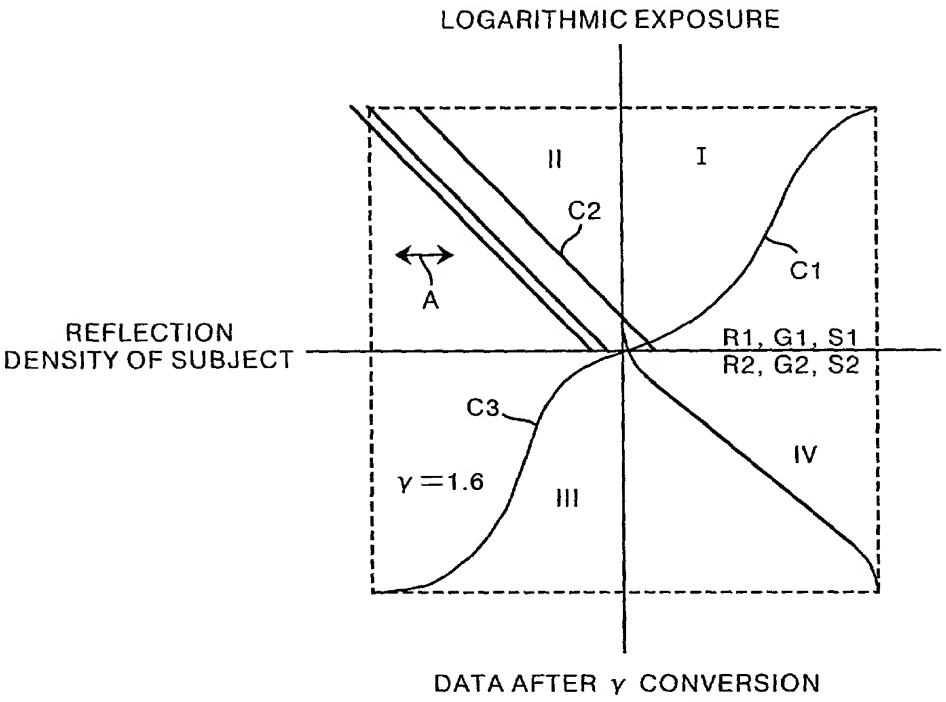
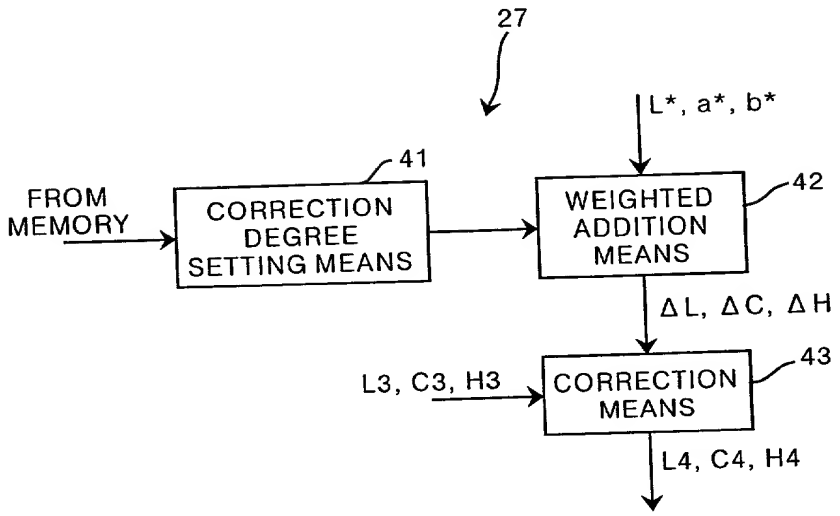

LOGARITHMIC EXPOSURE
REFLECTION DENSITY OF SUBJECT
DATA AFTER γ CONVERSION
II
I
III
IV
C1
C2
C3
A
R1, G1, S1
R2, G2, S2
γ=1.6

FIG.4


27
L*, a*, b*
41
FROM MEMORY
CORRECTION DEGREE SETTING MEANS
WEIGHTED ADDITION MEANS
42
ΔL, ΔC, ΔH
L3, C3, H3
CORRECTION MEANS
43
L4, C4, H4

# FIG.5

REFERENCE COLOR CORRECTION MENU

| | L | C | H |
|---|---|---|---|
| R | 0 | -5 | -3 |
| G | 0 | 0 | 0 |
| B | 0 | 0 | 0 |
| C | 0 | 0 | 0 |
| M | 0 | 0 | 0 |
| Y | 0 | 0 | 0 |
| YG | 0 | 0 | 0 |
| BS | 0 | 0 | 0 |
| SK(HL) | 0 | 0 | 0 |
| SK(MD) | 0 | 0 | 0 |
| SK(SD) | 0 | 0 | 0 |

MODEL COLOR CORRECTION MENU

| | L | C | H |
|---|---|---|---|
| R | 0 | -2 | -5 |
| G | 0 | 0 | 0 |
| B | 0 | -3 | 0 |
| C | 0 | 0 | 0 |
| M | 0 | 0 | 0 |
| Y | 0 | 3 | 0 |
| YG | 0 | 0 | 0 |
| BS | 0 | 0 | 10 |
| SK(HL) | 0 | 0 | 0 |
| SK(MD) | 0 | 0 | 0 |
| SK(SD) | 0 | 0 | 0 |

FIG.6

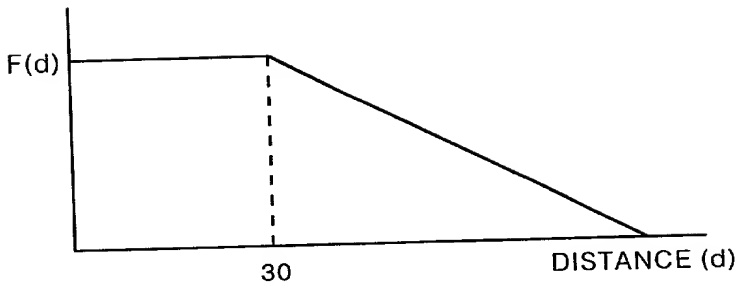


FIG.7

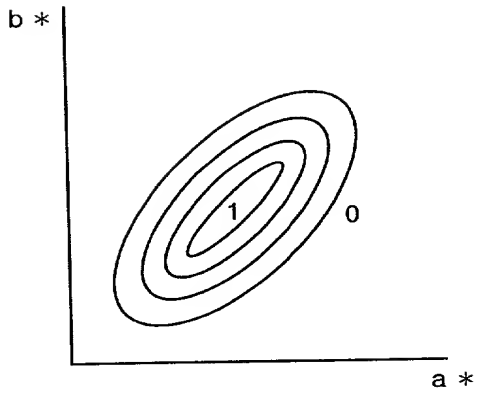


FIG.8

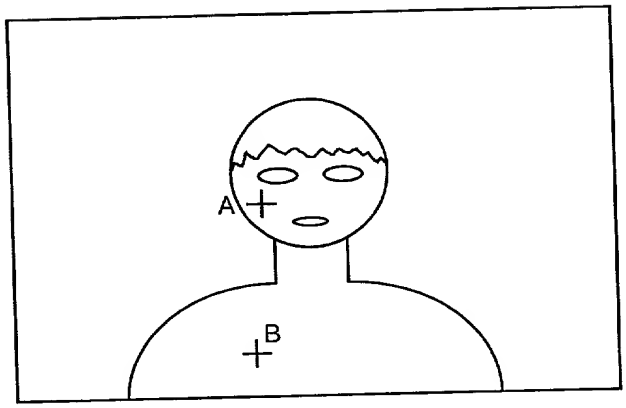


FIG.9

| | | | |
|---|---|---|---|
| POINT A | 0 | 5 | 0 |
| POINT B | 0 | -5 | 0 |

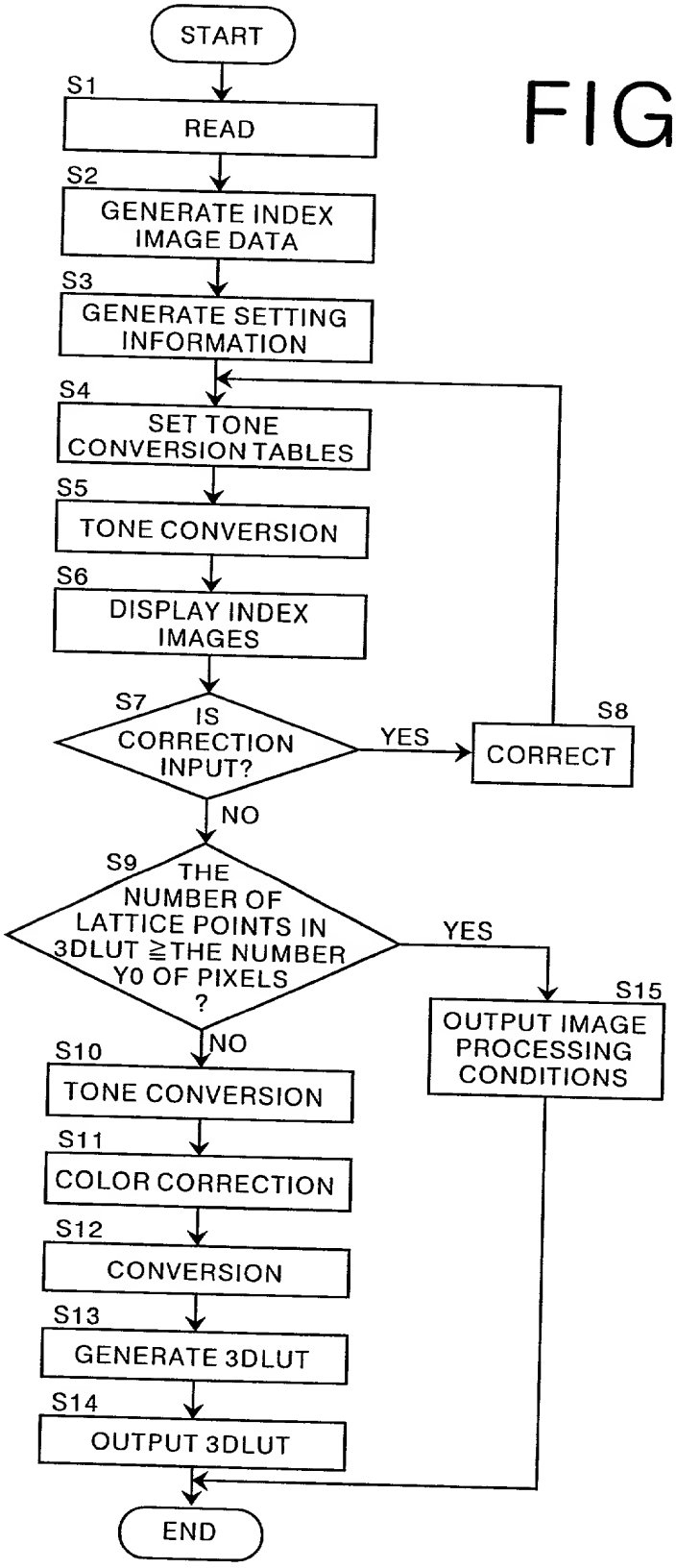

START
S1
READ
S2
GENERATE INDEX IMAGE DATA
S3
GENERATE SETTING INFORMATION
S4
SET TONE CONVERSION TABLES
S5
TONE CONVERSION
S6
DISPLAY INDEX IMAGES
S7
IS CORRECTION INPUT?
YES
S8
CORRECT
NO
S9
THE NUMBER OF LATTICE POINTS IN 3DLUT ≧THE NUMBER Y0 OF PIXELS ?
YES
S15
OUTPUT IMAGE PROCESSING CONDITIONS
NO
S10
TONE CONVERSION
S11
COLOR CORRECTION
S12
CONVERSION
S13
GENERATE 3DLUT
S14
OUTPUT 3DLUT
END

FIG.10